

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	"20040254523"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 15:01
S2	1	("20040254523").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 16:16
S3	1	("20040044302").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 16:23
S4	3	("2058777").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 16:23
S5	1678	604/21	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:03
S6	446	(604/21).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:04
S7	6	S6 and aspiration and coronary and lumen	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:12
S8	7	S6 and aspiration and coronary	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:13
S9	22	S6 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:13
S10	737	(604/35).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:18
S11	54	S10 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:29

## EAST Search History

S12	2260	(604/27,28,29,30,31,32,33,34). CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:30
S13	74	S12 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:30
S14	60	S13 not S11	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:30
S15	773	(604/540,541,542,543,544).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:36
S16	24	S15 and aspirat\$4 and heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:37
S17	23	S16 not (S14 or S11)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:43
S18	259	(604/902).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:43
S19	11	S18 and (aspirat\$4 and heart)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 17:43
S20	1	("6346098").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:49
S21	1	("20050085769").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/24 17:49
S22	106	aspirat\$5 with (vascular or heart) with lumen	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 18:29
S23	99	S22 not (S14 or S17 or S19)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/24 18:39

## EAST Search History

S24	3	("2058777").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:05
S25	3	((("5916193") or ("5653690") or ("6021340"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 08:58
S26	4	((("5916193") or ("5653690") or ("6021340") or ("5814016"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 08:58
S27	2	MOVAHED-M-REZA.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:00
S28	3	((("5,653,690") or ("6,814,016") or ("5,916,193"))).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:00
S29	11	aspirating with catheter with heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:06
S30	103	(600/4).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:26
S31	9	S30 and aspirat\$4 and catheter	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:27
S32	0	("2002/0099254").URPN.	USPAT	OR	ON	2005/08/25 09:27
S33	669	aspirating with catheter	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:42
S34	282	S33 not balloon	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:42
S35	5	S34 with heart	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:42
S36	0	("2005/0159716").URPN.	USPAT	OR	ON	2005/08/25 09:44

## EAST Search History

S37	646	(604/317).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 09:44
S38	0	S37 and cathether with aspirator	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:44
S39	3	S37 and cathether	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:45
S40	15	S37 and catheter with aspirat\$4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 09:45
S41	33	("4573966"   "4646736"   "4729763"   "4894051"   "5084013"   "5234403"   "5346469"   "5370609"   "5370653"   "5395332"   "5419774"   "5451233"   "5476450"   "5527292").PN. OR ("5827229").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2005/08/25 09:54
S42	209	(aspirat\$5 with catheter with blood) not occlu\$4	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 10:22
S43	1	("4051852").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 10:22
S44	2	("3903895").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 11:41

## EAST Search History

S45	54	(US-20020035347-\$ or US-20020177800-\$ or US-20030195536-\$ or US-20050027236-\$ or US-20040116902-\$ or US-20050159716-\$ or US-20020099254-\$ or US-20010044591-\$ or US-20030040736-\$).did. or (US-5527292-\$ or US-4666426-\$ or US-4648865-\$ or US-4563170-\$ or US-5827229-\$ or US-6398773-\$ or US-6849068-\$ or US-5984892-\$ or US-4759349-\$ or US-4240433-\$ or US-5441482-\$ or US-6562020-\$ or US-3963028-\$ or US-5358507-\$ or US-5522826-\$ or US-5588952-\$ or US-4228798-\$ or US-5419769-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6406471-\$ or US-6723085-\$). did. or (US-5328459-\$ or US-5554136-\$ or US-4838855-\$ or US-5531672-\$ or US-6468262-\$ or US-4180074-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-6322513-\$ or US-4068664-\$ or US-6364847-\$ or US-5916193-\$ or US-5902264-\$ or US-4705501-\$ or US-5336176-\$ or US-6565535-\$).did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2005/08/25 12:00
S46	0	("L34andexpandablewithdistalwithcatheter").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 12:02
S47	6	S45 and expandable with distal with catheter	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 12:11
S48	19	S45 and ((sealable or closable or clos\$4) with (holes or apertures or openings or fenestr\$4))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2005/08/25 12:53
S49	1	("4753640").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 13:06

## EAST Search History

S50	1	("20030040736").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 15:05
S51	1	("4753640").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 15:07
S52	2	("3903895").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2005/08/25 15:07
S53	1	("20040254523").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/01/31 16:18
S54	753	(604/35).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/01/31 16:20
S55	42	S54 and (vascular and detect\$3)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:22
S56	21	S54 and (vascular and detect\$3 and (fiberoptic or (fiber adj optic)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:48
S57	2	S54 and (vascular and detect\$3 with (fiberoptic or (fiber adj optic)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:23
S58	6	("20020099254" "20030040736" "20040044302" "3903895" "4753640" "9888428").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:24
S59	5	S54 and (vascular and detect\$3 with fluid and (fiberoptic or (fiber adj optic)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 16:56
S60	455	(604/21).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/01/31 16:57
S61	18	S60 and (vascular and (fluid with (remove or suction or aspirate)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:09

## EAST Search History

S62	6	Fitzgerald-Peter-J.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:03
S63	0	(vascular with aspirator with fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:10
S64	0	(heart with aspirator with fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:10
S65	0	(vascula\$4 with aspirator with fluid and detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:11
S66	50	(vascula\$4 with aspirat\$4 and fluid and detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:11
S67	16	(vascula\$4 with aspirat\$4 and fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:22
S68	1876	(aspirat\$4 and fluid with detect)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:22
S69	1668	(aspirat\$4 and fluid with detect and (body or medical or surgical))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:22
S70	15	S69 and (aspirat\$4 with fluid with detect with (body or medical or surgical))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:23
S71	142	S69 and (aspirat\$4 with fluid with (body or medical or surgical))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/01/31 17:23

## EAST Search History

S72	298	(US-6165975-\$ or US-5296225-\$ or US-6251418-\$ or US-6472393-\$ or US-4895727-\$ or US-6086582-\$ or US-6358247-\$ or US-6416510-\$ or US-6511477-\$ or US-6423713-\$ or US-6372244-\$ or US-4841984-\$ or US-6403337-\$ or US-6963769-\$ or US-6264947-\$ or US-6361939-\$ or US-5936082-\$ or US-6313378-\$ or US-6423828-\$ or US-6319906-\$ or US-6365354-\$ or US-6383809-\$ or US-5799660-\$ or US-6706034-\$ or US-6458805-\$ or US-6432648-\$). did. or (US-6468756-\$ or US-6329336-\$ or US-6417180-\$ or US-6331564-\$ or US-6416960-\$ or US-6309879-\$ or US-6689121-\$ or US-5667799-\$ or US-6288120-\$ or US-6376502-\$ or US-5447947-\$ or US-5028594-\$ or US-6465495-\$ or US-6629969-\$ or US-6268222-\$ or US-5462752-\$ or US-5821057-\$ or US-6410044-\$ or US-6414149-\$ or US-6391980-\$ or US-5241012-\$ or US-6333182-\$ or US-5336495-\$ or US-6395544-\$ or US-6635027-\$ or US-6440988-\$ or US-6197324-\$). did. or (US-6277874-\$ or US-6287765-\$ or US-5457113-\$ or US-5462937-\$ or US-6372431-\$ or US-5230895-\$ or US-6271014-\$ or US-6346416-\$ or US-6433040-\$ or US-6254585-\$ or US-6261279-\$ or US-6413961-\$ or US-6420432-\$ or US-6251598-\$ or US-6333335-\$ or US-6315997-\$ or US-6312708-\$ or US-6319506-\$ or US-6328977-\$ or US-6337075-\$ or US-6462036-\$ or US-5377681-\$ or US-6251436-\$ or US-5324519-\$ or US-5599552-\$ or US-6261583-\$ or US-4398906-\$). did. or (US-4428744-\$ or US-4464166-\$ or US-4612007-\$ or US-4613322-\$ or US-4832940-\$ or US-5422339-\$ or US-6355635-\$ or US-6428982-\$ or US-5525490-\$ or US-5609629-\$ or US-6391305-\$ or US-6455066-\$ or US-6692458-\$ or US-6455308-\$ or US-5580569-\$ or US-5326568-\$ or US-6274312-\$ or US-6296847-\$ or US-6319500-\$ or US-6451335-\$ or US-6329365-\$ or US-6350741-\$ or US-6197789-\$ or US-5571151-\$ or US-5817144-\$ or US-6117128-\$ or US-5482698-\$). did. or (US-6458794-\$ or US-5877176-\$ or US-5880124-\$ or US-6153615-\$ or US-5256413-\$ or US-5874540-\$ or US-6387663-\$ or	USPAT	OR	ON	2006/02/01 10:47
8/3/2006 2:51:40 PM	C:\Documents and Settings\applied\My Documents\EAST\Workspaces\10803468.wsp					Page 8



## EAST Search History

S73	753	(604/35).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 11:01
S74	385	S73 and ((remove or withdraw or aspirat\$4) with (fluid or agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:02
S75	44	S74 and (cardiovascular or vena or venous )	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:21
S76	5	S74 and (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:23
S77	6	(Aspirate or remove or withdraw) adj (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:26
S78	29	(Aspirate or remove or withdraw) near2 (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:26
S79	29	S78 not "L6"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:26
S80	23	S78 not S77	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:27
S81	2	(aspirate or remove or withdraw) near2 (contrast adj agent) with (catheter or cannula) and ((venous or (vena adj cava)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:29
S82	2	(aspirate or remove or withdraw) near4 (contrast adj agent) with (catheter or cannula) and ((venous or (vena adj cava)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:29
S83	10	(aspirate or remove or withdraw) same (contrast adj agent) with (catheter or cannula) and ((venous or (vena adj cava)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:29
S84	0	("2004/0044302").URPN.	USPAT	OR	ON	2006/02/01 11:36
S85	629	(604/507,508).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 11:36

## EAST Search History

S86	109	S85 and (aspirate or remove or withdraw) with (agent or fluid)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:37
S87	109	S85 and ((aspirate or remove or withdraw) with (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:38
S88	162	S85 and ((aspirate or remove or withdraw) same (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:38
S89	87	S85 and ((aspirate or remove or withdraw) near4 (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 11:38
S90	7719	604/264, "93.01"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 12:03
S91	2588	(604/264,93.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 12:03
S92	2588	(604/264,93.01).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 12:03
S93	204	S92 and (((aspirate or remove or withdraw) near4 (agent or fluid or liquid)))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 12:04
S94	193	S93 not S89	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 12:04

## EAST Search History

S95	72	(US-20040011740-\$ or US-20060013772-\$ or US-20020001838-\$ or US-20040167385-\$ or US-20020099254-\$ or US-20040054286-\$ or US-20050033197-\$ or US-20050159716-\$ or US-20020035347-\$ or US-20050027236-\$ or US-20030040736-\$ or US-20040116902-\$ or US-20040044302-\$ or US-20010044591-\$ or US-20020177800-\$ or US-20050085769-\$ or US-20030195536-\$).did. or (US-5728151-\$ or US-5799660-\$ or US-5055198-\$ or US-5588952-\$ or US-6322513-\$ or US-6364847-\$ or US-5419769-\$ or US-6960189-\$ or US-6565535-\$ or US-5527292-\$ or US-5827229-\$ or US-5484399-\$ or US-5123903-\$ or US-4750902-\$ or US-3963028-\$ or US-5554136-\$ or US-5938645-\$ or US-5779687-\$ or US-3623483-\$ or US-4068664-\$ or US-4759349-\$ or US-5009634-\$ or US-5902264-\$ or US-5476450-\$ or US-4180074-\$ or US-4316466-\$). did. or (US-5328459-\$ or US-5441482-\$ or US-4705501-\$ or US-6001078-\$ or US-5209717-\$ or US-6488671-\$ or US-5336176-\$ or US-5916193-\$ or US-6398773-\$ or US-6562020-\$ or US-6849068-\$ or US-5827243-\$ or US-4228798-\$ or US-4240433-\$ or US-4838855-\$ or US-5928218-\$ or US-6406471-\$ or US-6468262-\$ or US-6723085-\$ or US-5656027-\$ or US-4563170-\$ or US-4648865-\$ or US-5531672-\$ or US-4666426-\$ or US-5984892-\$ or US-5358507-\$ or US-5522826-\$). did. or (US-6158269-\$).did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/02/01 12:04
S96	192	S94 not S95	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:28
S97	3099	(604/523,524,525,526,527,528,529, 530,531,532).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 13:29

## EAST Search History

S98	106	S97 and ((aspirate or remover or withdraw) near4 (agent or fluid ))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:30
S99	3055	S97 not (S96 or S95)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:30
S10 0	3099	S97 not (S96 and S95)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:30
S10 1	84	S98 not (S96 or S95)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:37
S10 2	691	(604/540,543,902).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 13:37
S10 3	14919287	S102 (not S101 or S96 or S95)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:38
S10 4	663	S102 not (S101 or S96 or S95)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:38
S10 5	246	S104 and ((aspirat\$4 or remove or withdraw or suction) near4 (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:39
S10 6	236	S105 and (catheter or cannula or tube)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:39
S10 7	15	S106 and ((fluid or agent) with (detect or sense))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 13:40

## EAST Search History

S10 8	74	(US-20040011740-\$ or US-20060013772-\$ or US-20020001838-\$ or US-20040167385-\$ or US-20020099254-\$ or US-20040054286-\$ or US-20050033197-\$ or US-20050159716-\$ or US-20020035347-\$ or US-20050027236-\$ or US-20030040736-\$ or US-20040116902-\$ or US-20040044302-\$ or US-20010044591-\$ or US-20020177800-\$ or US-20050020973-\$ or US-20050085769-\$ or US-20030195536-\$).did. or (US-5728151-\$ or US-5799660-\$ or US-5055198-\$ or US-5588952-\$ or US-6322513-\$ or US-6364847-\$ or US-5419769-\$ or US-6960189-\$ or US-6565535-\$ or US-5527292-\$ or US-5827229-\$ or US-5484399-\$ or US-5123903-\$ or US-4750902-\$ or US-3963028-\$ or US-5554136-\$ or US-5938645-\$ or US-5779687-\$ or US-3623483-\$ or US-4068664-\$ or US-4759349-\$ or US-5009634-\$ or US-5902264-\$ or US-5476450-\$ or US-4180074-\$ or US-4316466-\$). did. or (US-5328459-\$ or US-5441482-\$ or US-4705501-\$ or US-6001078-\$ or US-5209717-\$ or US-6488671-\$ or US-5336176-\$ or US-5916193-\$ or US-6398773-\$ or US-6562020-\$ or US-6849068-\$ or US-5827243-\$ or US-4228798-\$ or US-4240433-\$ or US-4838855-\$ or US-5928218-\$ or US-6406471-\$ or US-6468262-\$ or US-6723085-\$ or US-5656027-\$ or US-4563170-\$ or US-4648865-\$ or US-5531672-\$ or US-4666426-\$ or US-5531679-\$ or US-5984892-\$ or US-5358507-\$). did. or (US-5522826-\$ or US-6158269-\$).did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/02/01 13:47
S10 9	2	(aspiration with catheter with (contrast adj agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:21

## EAST Search History

S11 0	41	(aspiration with catheter with (agent))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:25
S11 1	572	(600/309,156).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 14:25
S11 2	233	S111 and (catheter or needle or cannula)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:26
S11 3	2	S112 and (detect with agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:26
S11 4	18	S112 and (vasculature)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:48
S11 5	0	("bernard-steven-j.in.").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 14:48
S11 6	2	bernard-steven-j.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:49
S11 7	2	halpert-andrew-v.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:49
S11 8	58	gelfand-mark.in.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:56
S11 9	593	(210/646).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 14:56
S12 0	0	S119 and ((aspirate or remove or withdraw) near4 (agent or fluid) with (cardiovascula\$4 or vena or cava))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 14:57
S12 1	124	S119 and ((aspirate or remove or withdraw) near4 (agent or fluid))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 15:04

## EAST Search History

S12 2	31	"210"/\$.cls. and (contrast adj agent)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 15:06
S12 3	1	("4666426").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 15:06
S12 4	42	("4014333"   "4037599"   "4098275"   "4270535"   "4493696").PN. OR ("4666426").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/01 15:13
S12 5	6	("20020099254" "20030040736" "20040044302" "3903895" "4666426" "4753640").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/02/01 15:13
S12 6	0	("2002/0099254").URPN.	USPAT	OR	ON	2006/02/01 15:13

## EAST Search History

S12 7	80	(US-20040054286-\$ or US-20020035347-\$ or US-20020177800-\$ or US-20030195536-\$ or US-20040044302-\$ or US-20040011740-\$ or US-20020001838-\$ or US-20050033197-\$ or US-20050027236-\$ or US-20040116902-\$ or US-20040019310-\$ or US-20050159716-\$ or US-20040054315-\$ or US-20060013772-\$ or US-20050085769-\$ or US-20050020973-\$ or US-20020099254-\$ or US-20050230313-\$ or US-20040167385-\$ or US-20010044591-\$ or US-20030040736-\$).did. or (US-5527292-\$ or US-4563170-\$ or US-4648865-\$ or US-4666426-\$ or US-5827229-\$ or US-4316466-\$ or US-6398773-\$ or US-6849068-\$ or US-6960189-\$ or US-5984892-\$ or US-5779687-\$ or US-5799660-\$ or US-4759349-\$ or US-4240433-\$ or US-6929751-\$ or US-5441482-\$ or US-4787882-\$ or US-6562020-\$ or US-6488671-\$ or US-3963028-\$ or US-5358507-\$ or US-5522826-\$ or US-5588952-\$ or US-4228798-\$ or US-5419769-\$ or US-5484399-\$). did. or (US-6158269-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6406471-\$ or US-6723085-\$ or US-5328459-\$ or US-5554136-\$ or US-4838855-\$ or US-5531672-\$ or US-5632897-\$ or US-6468262-\$ or US-4180074-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-5209717-\$ or US-6322513-\$ or US-5531679-\$ or US-4068664-\$ or US-5055198-\$ or US-6364847-\$ or US-5916193-\$). did. or (US-5902264-\$ or US-4705501-\$ or US-4750902-\$ or US-5336176-\$ or US-6565535-\$). did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/02/01 16:42
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## EAST Search History

S12 8	1	S127 and (detect\$3 with (fiber adj optic))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 16:43
S12 9	1	("4753640").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/02/01 17:16
S13 0	11	S127 and instructions	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/02/01 17:16
S13 1	1	("20050124969").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/04/25 13:06
S13 2	6	("20020099254" "20030040736" "2 0040044302" "3903895" "4753640"  "9888428").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/04/25 14:20
S13 3	67	"5,695,457" "3841,331" "6,699,232" "20040044302"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/04/25 14:20
S13 4	67	"5695457" "3841331" "6699232" "20040044302"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/04/25 14:21
S13 5	5	((("5695457") or ("3841331") or ("6699232") or ("20040044302")). PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/04/25 14:21
S13 6	1	("20040254523").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/06/27 10:44
S13 7	2	((("20040254523") or ("20050124969")).PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/06/27 10:44

## EAST Search History

S13 8	84	(US-20040054286-\$ or US-20020177800-\$ or US-20020035347-\$ or US-20030195536-\$ or US-20040044302-\$ or US-20040011740-\$ or US-20020001838-\$ or US-20050033197-\$ or US-20050027236-\$ or US-20050124969-\$ or US-20040254523-\$ or US-20040116902-\$ or US-20040019310-\$ or US-20050159716-\$ or US-20040054315-\$ or US-20060013772-\$ or US-20050085769-\$ or US-20050020973-\$ or US-20020099254-\$ or US-20050230313-\$ or US-20040167385-\$ or US-20010044591-\$ or US-20030040736-\$).did. or (US-5527292-\$ or US-4563170-\$ or US-4666426-\$ or US-4648865-\$ or US-5827229-\$ or US-4316466-\$ or US-6398773-\$ or US-6849068-\$ or US-6960189-\$ or US-5984892-\$ or US-5779687-\$ or US-5799660-\$ or US-4759349-\$ or US-4240433-\$ or US-6929751-\$ or US-5441482-\$ or US-4787882-\$ or US-6562020-\$ or US-6488671-\$ or US-3963028-\$ or US-5358507-\$ or US-5522826-\$ or US-5588952-\$ or US-4228798-\$ or US-5419769-\$ or US-5484399-\$). did. or (US-6158269-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6406471-\$ or US-6723085-\$ or US-5328459-\$ or US-5554136-\$ or US-5531672-\$ or US-4838855-\$ or US-5632897-\$ or US-6468262-\$ or US-4180074-\$ or US-4753640-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-5209717-\$ or US-6322513-\$ or US-5531679-\$ or US-4068664-\$ or US-5055198-\$ or US-6364847-\$). did. or (US-5695457-\$ or US-5916193-\$ or US-5902264-\$ or US-4705501-\$ or US-4750902-\$ or US-5336176-\$ or US-6565535-\$). did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/07/28 11:12
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## EAST Search History

S13 9	56	S138 and (kit or directions or instructions)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/07/28 11:13
S14 0	18	S138 and (kit or instructions)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/07/28 11:13
S14 1	1	"20050124969"	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 13:03
S14 2	10	("20020099254" "20020099254" "20030040736" "20040011740" "20040044302" "20040167385" "20050085769" "3903895" "4666426" "4753640" "4753640").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 13:56
S14 3	6	604/503 and ((aspirate or suction or withdraw) with (heart or artery or sinus or coronary or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:25
S14 4	0	604/504 and ((aspirate or suction or withdraw) with (heart or artery or sinus or coronary or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:26
S14 5	6	604/503 and ((aspirate or suction or withdraw) with (heart or artery or sinus or coronary or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 16:17
S14 6	0	S145 not S143	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:26
S14 7	0	604/504 and ((aspirate or suction or withdraw) with (heart or artery or sinus or coronary or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:28
S14 8	7	604/504 and ((aspirate or suction or withdraw) and (heart or artery or sinus or coronary or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:31
S14 9	30	(removal or suction or aspiration or withdrawal) with (contrast adj agent) with (catheter)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:35
S15 0	2259	(removal or suction or aspiration or withdrawal) and (contrast adj agent) and (catheter)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:35

## EAST Search History

S15 1	89	(removal or suction or aspiration or withdrawal) with (contrast adj agent) and (catheter)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:45
S15 2	67	604/505	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:45
S15 3	33	604/505 and (apsirate or remove or withdraw or suction)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:50
S15 4	2	604/575 and (apsirate or remove or withdraw or suction)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:50
S15 5	199	604/507 and (apsirate or remove or withdraw or suction)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 14:57
S15 6	1	("6413233").PN.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/08/01 14:57
S15 7	50	("3140716"   "3353491"   "4158693"   "4181132"   "4190053"   "4298006"   "4397314"   "4398535"   "4416280"   "4447237"   "4476867"   "4479798"   "4572190"   "4617931"   "4658828"   "4662435"   "4667482"   "4669475"   "4719919"   "4735558"   "4854324"   "4950225"   "5026365"   "5080101"   "5080645"   "5104373"   "5116307"   "5133932"   "5150711"   "5180896"   "5188738"   "5197466"   "5213483"   "5254094"   "5261874"   "5354277"   "5385540"   "5391142"   "5429594"   "5437278"   "5492109"   "5494822"   "5674190"   "5730720"   "5752813"   "5817045").PN. OR ("6413233").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 15:44
S15 8	1	S157 and (sinus)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 15:33
S15 9	43	(coronary adj sinus) with (aspirate or collect or withdraw or suction)	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 15:34

## EAST Search History

S16 0	6	S157 and balloon	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 15:46
S16 1	4	S157 and occlude	US-PGPUB; USPAT; USOCR	OR	ON	2006/08/01 15:46

## EAST Search History

S16 2	88	(US-20040054286-\$ or US-20020177800-\$ or US-20020035347-\$ or US-20030195536-\$ or US-20040044302-\$ or US-20040011740-\$ or US-20020001838-\$ or US-20050033197-\$ or US-20050027236-\$ or US-20040254523-\$ or US-20050124969-\$ or US-20040116902-\$ or US-20040019310-\$ or US-20050159716-\$ or US-20040054315-\$ or US-20060013772-\$ or US-20050085769-\$ or US-20050020973-\$ or US-20020099254-\$ or US-20050230313-\$ or US-20040167385-\$ or US-20030040736-\$ or US-20010044591-\$).did. or (US-5385540-\$ or US-5527292-\$ or US-4648865-\$ or US-4563170-\$ or US-4666426-\$ or US-5827229-\$ or US-4316466-\$ or US-6398773-\$ or US-6849068-\$ or US-6146370-\$ or US-6960189-\$ or US-5984892-\$ or US-5779687-\$ or US-5799660-\$ or US-4759349-\$ or US-4240433-\$ or US-6929751-\$ or US-5441482-\$ or US-4787882-\$ or US-6562020-\$ or US-6488671-\$ or US-3963028-\$ or US-5522826-\$ or US-5358507-\$ or US-5588952-\$ or US-4228798-\$). did. or (US-5419769-\$ or US-5484399-\$ or US-6158269-\$ or US-3623483-\$ or US-5656027-\$ or US-5009634-\$ or US-5728151-\$ or US-5928218-\$ or US-5938645-\$ or US-6723085-\$ or US-6406471-\$ or US-5328459-\$ or US-5554136-\$ or US-5531672-\$ or US-4838855-\$ or US-5632897-\$ or US-6468262-\$ or US-4180074-\$ or US-4753640-\$ or US-5827243-\$ or US-5123903-\$ or US-6001078-\$ or US-5476450-\$ or US-5209717-\$ or US-6322513-\$ or US-5531679-\$ or US-4068664-\$). did. or (US-5055198-\$ or US-6364847-\$ or US-6413233-\$ or US-5695457-\$ or US-5916193-\$ or US-6152141-\$ or US-5902264-\$ or US-4705501-\$ or US-4750902-\$ or US-5336176-\$ or US-6565535-\$). did. or (WO-2058777-\$).did.	US-PGPUB; USPAT; EPO	OR	ON	2006/08/01 15:47
8/3/2006 2:51:40 PM		C:\Documents and Settings\ahmed7\My Documents\EAST\Workspaces\10803468.wsp				Page 22

## EAST Search History

S16 3	17	S162 and (balloon with occlude)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 15:59
S16 4	9	S162 and (optic)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 16:00
S16 5	21	S162 and (fiber ajd optic)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 16:00
S16 6	7	S162 and (fiber adj optic)	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 16:00
S16 7	1552	(604/503-508,514).CCLS.	US-PGPUB; USPAT; USOCR; EPO	OR	OFF	2006/08/01 16:17
S16 8	44	S167 and ((aspirate or suction or withdraw) with (heart or artery or sinus or coronory or vascular or cardiovascular))	US-PGPUB; USPAT; USOCR; EPO	OR	ON	2006/08/01 16:17